

FORM PTO-1449	U.S. Department of Commerce Patent & Trademark Office	Attorney Docket No. 1830/50521	Serial No. 10/009,477
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Masahiro IMOTO, et al.	
		Filing Date Herewith 12/11/01	Group 1624

U.S. PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)	
	AA							
FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	TRANSLATION	
							Yes	No
	AB							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)								
<u>OR</u>	AC	P. De SARNO, "Modulation of Acetylcholine Release by Nicotinic Receptors in the Rat Brain" Journal of Neuroscience Research, 1989						
<u>OR</u>	AD	LEVIN, et al. "Nicotinic acetylcholine involvement in cognitive function in animals" Psychopharmacology, 1998						
<u>OR</u>	AE	DECKER, et al. "Minireview Diversity of Neuronal Nicotinic Acetylcholine Receptors: Lessons from Behavior and Implications for CNS Therapeutics" Life Sciences, 1995						
<u>OR</u>	AF	SALOMAN, et al. "Nicotine Inhibits Amyloid Formation by the B-Peptide" Biochemistry, 1996						
<u>OR</u>	AG	KIHARA, et al. "Nicotinic Receptor Stimulation Protects Neurons Against B-Amyloid Toxicity" American Neurological Association, 1997						
<u>OR</u>	AH	SANDBORN, et al. "Transdermal Nicotine for Mildly to Moderately Active Ulcerative Colitis" American College of Physicians, 1997						
<u>OR</u>	AI	NORDBERG, et al. "Nicotinic and Muscarinic Subtypes in the Human Brain: Changes with Aging and Dementia" Journal of Neuroscience Research, 1992						
<u>OR</u>	AJ	NEWHOUSE, et al. "Intravenous nicotine in Alzheimer's disease: a pilot study" Psychopharmacology, 1988						
<u>OR</u>	AK	GALZI, et al. "Neuronal Nicotine Receptors: Molecular Organization and Regulations" Neuropharmacology, 1995						
<u>OR</u>	AL	SCHRATTENHOLZ, et al. "Agonist Responses of Neuronal Nicotinic Acetylcholine Receptors are Potentiated by a Novel Class of Allosterically Acting Ligands" Molecular Pharmacology, 1996						
<u>OR</u>	AM	LIN, et al. "Recent developments in neuronal nicotinic acetylcholine receptor modulators" Ashley Publications, 1998						
<u>OR</u>	AN	BARRANTES, "Molecular Pathology of the Nicotinic Acetylcholine Receptor" The Nicotinic Acetylcholine Receptor: Current Views and Future Trends, 1998						
<u>OR</u>	AO	LENA, et al. "Allosteric nicotinic receptors, human pathologies" J. Physiology, 1998						
EXAMINER <u>Amber Berg</u>				DATE CONSIDERED 9/25/02				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.								

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	AQ							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)								
DR	AR	TACHIBANA, et al. "Xenon Contrast CT-CBF Scanning of the Brain Differentiates Normal Age-Related Changes for Multi-Infarct Dementia and Senile Dementia of Alzheimer Type" Journal of Gerontology, 1984						
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DR	AV	SHACKA, et al. "Central and Peripheral Anatomy of Nicotinic Sites" Medicinal Chemistry Research, 1996						
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DR	BB	NAGATA, et al. "Modulation of the Neuronal Nicotinic Acetylcholine Receptor Channel by the Nitromethylene Heterocycle Imidacloprid" Journal of Pharmacology and Experimental Therapeutics, 1996						
DR	BC	CHAO, et al. "Interaction of Imidacloprid Metabolites and Analogs with the Nicotinic Acetylcholine Receptor of Mouse Brain in Relation to Toxicity" Pesticide Biochemistry and Physiology, 1997						
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BD							

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						Yes	No
BE							

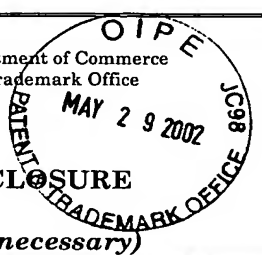
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
DR	BF	TOMIZAWA, et al. "Minor changes in nicotinoid insecticides confer differential subtype selectivity for mammalian nicotinic acetylcholine receptors" British Journal of Pharmacology, 1999					
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DR	BH	DECKER, et al. "ABT-089 [2-Methyl-3-(2-(S)-pyrrolidinylmethoxy)pyridine dihydrochloride]: II. A Novel Cholinergic Channel Modulator with Effects on Cognitive Performance in Rats and Monkeys" Journal of Pharmacology and Experimental Therapeutics, 1997					
DR	BI	SULLIVAN, et al. "ABT-089 [2-Methyl-3-(2-(S)-pyrrolidinylmethoxy)pyridine]: I. A Potent and Selective Cholinergic Channel Modulator with Neuroprotective Properties" Journal of Pharmacology and Experimental Therapeutics, 1997					
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DR	BK	DECKER, et al. ""(S)-3-Methyl-5-(1-Methyl-2-Pyrrolidinyl) Isoxazole (ABT 418): A Novel Cholinergic Ligand with Cognition-Enhancing and Anxiolytic Activities: II. In Vivo Characterization" Journal of Pharmacology and Experimental Therapeutics, 1994					

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	Filing Date December 11, 2001	Group 1624 TECH CENTER 1600/2900



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U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Country	Class	Sub-Class	TRANSLATION	
							Yes	No
<u>DR</u>	AC	EP 679 397 A2	11/02/1995	Europe				No
<u>DR</u>	AD	WO 00/10997	03/02/2000	PCT				N/A
	AE							
	AF							
	AG							
	AH							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
<u>DR</u>	AI	Latli, Bachir et al. "Novel and Potent 6-Chloro-3-pyridinyl Ligands for the .alpha.4.beta.2 Neuronal Nicotinic Acetylcholine Receptor" <i>J. Med. Chem.</i> (1999), 42(12), 2227-2234.	
<u>DR</u>	AJ	Akemasa, Hiroyuki: "Preparation of pyridine derivatives as intermediates for insecticides and their intermediates", CA Online! database accession no. 120:298481 & JP 05 339267 A, Dec. 21, 1993.	
	AK	Copy of International Search Report and transmittal letter re same dated 01/25/2002	

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